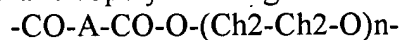


DB Name	Query	Hit Count	Set Name
USPT	((sulfo-1,3-phenylene))	0	L31
USPT	(((sulfopolyester or copolyester) and ((1,3-phenylene or isophthalate or isophalic acid) and (1,4-phenylene or terephthalate or terephthalic acid))) and percent)	992	L30
USPT	((((sulfopolyester or copolyester) and ((1,3-phenylene or isophthalate or isophalic acid) and (1,4-phenylene or terephthalate or terephthalic acid)))) and (cosmetic or hair))	64	L29
USPT	((sulfopolyester or copolyester) and ((1,3-phenylene or isophthalate or isophalic acid) and (1,4-phenylene or terephthalate or terephthalic acid)))	1492	L28
USPT	(((1,3-phenylene or isophthalate or isophalic acid) and (1,4-phenylene or terephthalate or terephthalic acid)))	5734	L27
USPT	(sulfopolyester or copolyester)	7614	L26
USPT	((((propellant) same (compressed air or carbon dioxide or nitrogen)) and hair) and ((424/43)!.CCLS.))	10	L25
USPT	(((propellant) same (compressed air or carbon dioxide or nitrogen)) and hair)	729	L24
USPT	((propellant) same (compressed air or carbon dioxide or nitrogen))	5077	L23
USPT	(compressed air or carbon dioxide or nitrogen)	407137	L22
USPT	(propellant)	23393	L21
USPT	((((isophthalate same terephthalate) same percent) and (polyester)) and linear polyester)	93	L20
USPT	(((isophthalate same terephthalate) and (polyester)) and cosmetic composition)	25	L19
USPT	((isophthalate same terephthalate) and (polyester))	2686	L18
USPT	(polyester)	162269	L17
USPT	(isophthalate same terephthalate)	3218	L16
USPT	(((((1,3-phenylene) or (1,4-phenylene)) and (((terephthalic adj copolyester) or (terephthalic adj polyester)) or polyester))) and (hair or cosmetic))	135	L15
USPT	(((1,3-phenylene) or (1,4-phenylene)) and (((terephthalic adj copolyester) or (terephthalic adj polyester)) or polyester))	2646	L14
USPT	((((terephthalic adj copolyester) or (terephthalic adj polyester)) or polyester)	162269	L13
USPT	((1,3-phenylene) or (1,4-phenylene))	5522	L12
USPT	(sulfo-1,3-phenylene)	0	L11
USPT	(sulfo-1,3-phenylene)	0	L10
USPT	(1,4-phenylene)	5067	L9
USPT	(1,3-phenylene)	1819	L8
USPT	((((terephthalic adj copolyester) or (terephthalic adj polyester)) and hair)	2	L7
USPT	(((terephthalic adj copolyester) or (terephthalic adj polyester))	68	L6
USPT	(terephthalic copolyester and hair)	1	L5
USPT	(terephthalic copolyester)	8	L4
USPT	4300580.pn.	1	L3
USPT	4300581.pn.	1	L2
USPT	5066414.pn.	1	L1

- 18) Topical composition comprising
- aqueous gel which comprises hydrophilic gelling material
 - gel properties comprise
 - 3000-50,000 initial viscosity (V0), stable up to shear strain C1
 - viscosity V2 after shear at strain C2, wherein $V0/V2 > 1000$
 - $C2 - C1 < 100\text{Pa}$
- 19) gel further comprises viscosity V1 at shear strain C1, wherein $V0/V1 < 2$
- 20) shear strain $C1 > 50\text{ Pa}$
- 21) 18—wherein fall in viscosity induced by shear on gel is not immediately reversible
- 22) hydrophilic gelling material=hydrophilic gelling polymer
- 23) hydrophilic gelling polymer is chosen from 1 H2O soluble and water-dispersible terephthalic copolyester oligomer comprising dicarboxylate repeating units of



A = 1,4-phenylene ^{35%}
 sulfo-1,3-phenylene ^{7%}
 1,3-phenylene

$n = 1-4$

- 24) 20%=A as 1,3-phenylene group
- 25) 5%
- 26) 40% 1,4
- 27) 40-90%=A as 1,4 phenylene group and $n=1$
- 28) 10%=A as sulfo-1,3-phenylene group
- 29) 10-25%
- 30) copolyester oligomer has end group chosen from
- CO-A-CO-O-(CH2-CH2-O)-OH
- 31) end groups
- A-CO-OH and/or A-CO-OR
- 32)
- 33)
- 34)
- 35) 0.5-15%=hydrophilic gelling material
- 36) 2-10%
- 37) gel further comprises a fatty phase
- 38) fatty phase=volatile oils, non-volatiles oils, waxes
- 39) hair ingredient=fixing material, conditioning material, active agents for hair care, sheen-enhancing agents, hair dyes
- 40) A device comprising
- a container containing a composition comprising an aqueous gel which comprises a hydrophilic gelling material
- 41) device has a pump dispenser
- 42) max value of shear strain $C1 < 150\text{Pa}$
- 43) distribution of composition=aerosol device
- 44) max value of shear strain $C1 < 200\text{Pa}$
- 45) 43+propellant, wherein distribution head comprises a nozzle which vaporizes composition
- 46) propellant=compressed gas or liquified gas

6031043
 6060546
 6037315
 5705474
 5374419
 5086157
 5066414
 4954635
 3843716

- 47) compressed air, CO₂, N
- 48) gases which are soluble or insoluble in composition
- 49) gases=dimethyl ether, halogenated hydrocarbons, non-halogenated hydrocarbons
- 50) 20-50%=propellant
- 51) Process for cosmetically treating . . .
- 52)
- 53)

West
Search S# 13

Searches for User lwells (Count = 5791)

Queries 5742 through 5791.

S #	Updt	Database	Query	Time
Comment S5791 U USPT			(wrinkle same skin) and ((424/401)!.CCLS.)	2003-07-
31 11:10:22 S5790 U USPT			6338858.pn.	2003-07-
31 10:53:03 S5789 U USPT			63338858.pn.	2003-07-
31 10:52:52 S5788 U USPT,PGPB,JPAB,EPAB,DWPI			(initial viscosity) same (shear near strain)	2003-07-
31 07:57:28				

S5787

U

USPT,PGPB,JPAB,EPAB,DWPI

((v near 0) near (v near 2)) same viscosity

2003-07-

31 07:55:00

S5786

U

USPT,PGPB,JPAB,EPAB,DWPI

(v near 0) near (v near 2)

2003-07-

31 07:51:13

S5785

U

USPT,PGPB,JPAB,EPAB,DWPI

v0 same v2

2003-07-

31 07:50:52

Welcome to STN International! Enter x:x

LOGINID:sssp1a1619lxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Jan 25 BLAST(R) searching in REGISTRY available in STN on the Web
NEWS 3 Jan 29 FSTA has been reloaded and moves to weekly updates
NEWS 4 Feb 01 DKILIT now produced by FIZ Karlsruhe and has a new update frequency
NEWS 5 Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02
NEWS 6 Mar 08 Gene Names now available in BIOSIS
NEWS 7 Mar 22 TOXLIT no longer available
NEWS 8 Mar 22 TRCTHERMO no longer available
NEWS 9 Mar 28 US Provisional Priorities searched with P in CA/CAPLUS and USPATFULL
NEWS 10 Mar 28 LIPINSKI/CALC added for property searching in REGISTRY
NEWS 11 Apr 02 PAPERCHEM no longer available on STN. Use PAPERCHEM2 instead.
NEWS 12 Apr 08 "Ask CAS" for self-help around the clock
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NEWS 14 Apr 09 ZDB will be removed from STN
NEWS 15 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 16 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 17 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 18 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 19 Jun 03 New e-mail delivery for search results now available
NEWS 20 Jun 10 MEDLINE Reload
NEWS 21 Jun 10 PCTFULL has been reloaded
NEWS 22 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 23 Jul 19 NTIS to be reloaded July 28, 2002
NEWS 24 Jul 22 USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS 25 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 26 Jul 30 NETFIRST to be removed from STN

NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS HOURS STN Operating Hours Plus Help Desk Availability
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FILE 'HOME' ENTERED AT 16:30:16 ON 31 JUL 2002

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 16:30:20 ON 31 JUL 2002

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STRUCTURE FILE UPDATES: 30 JUL 2002 HIGHEST RN 441272-85-1

DICTIONARY FILE UPDATES: 30 JUL 2002 HIGHEST RN 441272-85-1

TSCA INFORMATION NOW CURRENT THROUGH January 7, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\STNEXP4\QUERIES\gel.str

L1 STRUCTURE UPLOADED

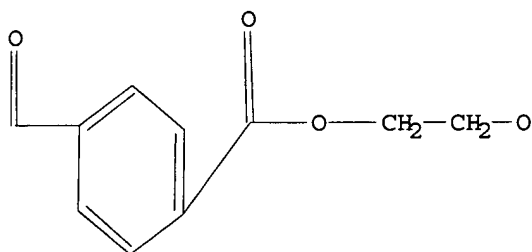
=> que L1

L2 QUE L1

=> d l2

L2 HAS NO ANSWERS

L1 STR



G1

G2

G3

Structure attributes must be viewed using STN Express query preparation.

L2 QUE L1

=> s l2

SAMPLE SEARCH INITIATED 16:30:38 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 1006 TO ITERATE

99.4% PROCESSED 1000 ITERATIONS

50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 18218 TO 22022

PROJECTED ANSWERS: 1411 TO 2613

L3 50 SEA SSS SAM L1

=> s l2 full

FULL SEARCH INITIATED 16:30:49 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 20206 TO ITERATE

100.0% PROCESSED 20206 ITERATIONS

2194 ANSWERS

SEARCH TIME: 00.00.02

L4 2194 SEA SSS FUL L1

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\STNEXP4\QUERIES\gel.str

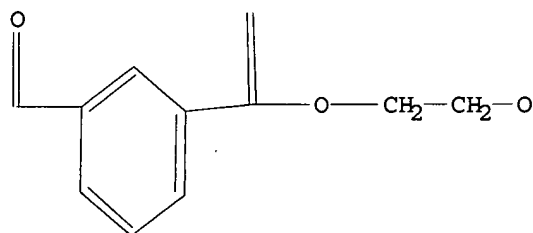
L5 STRUCTURE UPLOADED

=> que L5

L6 QUE L5

=> d l6

L6 HAS NO ANSWERS
L5 STR



G1
G2
G3

Structure attributes must be viewed using STN Express query preparation.
L6 QUE L5

=> s l6
SAMPLE SEARCH INITIATED 16:31:42 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 910 TO ITERATE

100.0% PROCESSED 910 ITERATIONS 50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 16391 TO 20009
PROJECTED ANSWERS: 801 TO 1759

L7 50 SEA SSS SAM L5

=> s l6 full
FULL SEARCH INITIATED 16:31:47 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 18343 TO ITERATE

100.0% PROCESSED 18343 ITERATIONS 1255 ANSWERS
SEARCH TIME: 00.00.01

L8 1255 SEA SSS FUL L5

=> fil caplus uspatfull biosis embase
COST IN U.S. DOLLARS

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	280.94	281.15

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FILE 'BIOSIS' ENTERED AT 16:31:58 ON 31 JUL 2002

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FILE 'EMBASE' ENTERED AT 16:31:58 ON 31 JUL 2002

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=> d his

(FILE 'HOME' ENTERED AT 16:30:16 ON 31 JUL 2002)

FILE 'REGISTRY' ENTERED AT 16:30:20 ON 31 JUL 2002

L1 STRUCTURE UPLOADED
L2 QUE L1
L3 50 S L2
L4 2194 S L2 FULL
L5 STRUCTURE UPLOADED
L6 QUE L5
L7 50 S L6
L8 1255 S L6 FULL

FILE 'CAPLUS, USPATFULL, BIOSIS, EMBASE' ENTERED AT 16:31:58 ON 31 JUL 2002

=> s l8 and l4

3 FILES SEARCHED...

L9 968 L8 AND L4

=> s l9 and cosmetic

L10 6 L9 AND COSMETIC

=> dup rem l10

PROCESSING COMPLETED FOR L10

L11 6 DUP REM L10 (0 DUPLICATES REMOVED)

=> d ibib abs

L11 ANSWER 1 OF 6 USPATFULL

ACCESSION NUMBER: 2001:121133 USPATFULL

TITLE: Multilayer laminate formed from a substantially stretched non-molten wholly aromatic liquid

crystalline

polymer and non-liquid crystalline polyester and

method

for forming same

INVENTOR(S):

Jester, Randy D., Greer, SC, United States

Wolf, Arnold E., Charlotte, NC, United States

Kimmel, Robert M., Greenville, SC, United States

Cangiano, Dominick, Neshanic, NJ, United States

Penoyer, John A., Greenville, SC, United States

PATENT ASSIGNEE(S):
States

Hoechst Celanese Corporation, Warren, NJ, United

(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6268026	B1	20010731
APPLICATION INFO.:	US 1997-954379		19971020 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Chen, Vivian		
LEGAL REPRESENTATIVE:	Burns, Doane, Swecker & Mathis, L.L.P.		

NUMBER OF CLAIMS: 38
EXEMPLARY CLAIM: 1
LINE COUNT: 1162

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Multilayer laminates including films, sheets, preforms, containers and other articles having at least one wholly aromatic, amorphous, stretchable liquid crystalline polymer layer with at least one non-liquid crystalline thermoplastic polyester layer are provided as well as methods for producing and stretching the multilayer articles. The laminates are suitable for thermoforming and stretch blow molding applications and may be stretched to at least 100 percent elongation at temperatures below 200.degree. C. and at high total draw ratios without fractures or tears. Containers suitable for food or beverage products may be produced from the laminates.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 2 ibib abs

L11 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1999:222840 CAPLUS
DOCUMENT NUMBER: 130:257378
TITLE: Dental **cosmetic** coating compositions having improved adhesive properties
INVENTOR(S): Yamagishi, Atsushi; Nakano, Yukihiro
PATENT ASSIGNEE(S): Kao Corporation, Japan
SOURCE: PCT Int. Appl., 22 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9915131	A1	19990401	WO 1998-JP3976	19980904
W: US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
JP 11092350	A2	19990406	JP 1997-255026	19970919
EP 1027877	A1	20000816	EP 1998-941721	19980904
R: DE, FR, GB				

PRIORITY APPLN. INFO.: JP 1997-255026 A 19970919
WO 1998-JP3976 W 19980904

AB Disclosed is a coating compn. suitable for use as a dental **cosmetic** coating, comprising (A) a polymer having .gtoreq. 1 carboxyl or carbonyloxycarbonyl groups with the mol.wt. of 1.times.104-5.times.106, whose solubilities in anhyd. EtOH and water at 20.degree. are .gtoreq. 1 and .ltoreq. 10 %, resp., and (B) water or a C1-5 alc. When the compn is applied on the surface of teeth, the compn. is not easily removed by eating or drinking, though it is easily removable if necessary. A copolymer contg. Et methacrylate, iso-Pr methacrylate, and 4-methacryloyloxytrimellitic anhydride was prepd. The copolymer 15 g was combined with TiO2 1, mica Ti 1, and EtOH 88 g to make a dental **cosmetic** coating.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

=> d 3 ibib abs

L11 ANSWER 3 OF 6 USPATFULL

ACCESSION NUMBER: 96:118658 USPATFULL
TITLE: Hyperbranched polymers from AB monomers
INVENTOR(S): Frechet, Jean M. J., Ithaca, NY, United States
Aoshima, Sadahito, Kashiwa, Japan
PATENT ASSIGNEE(S): Cornell Research Foundation, Inc., Ithaca, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5587446		19961224
APPLICATION INFO.:	US 1995-456540		19950601 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1994-335947, filed on 8 Nov 1994		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Zitomer, Fred		
LEGAL REPRESENTATIVE:	Jacobs, Bruce F.		
NUMBER OF CLAIMS:	8		
EXEMPLARY CLAIM:	1		
LINE COUNT:	805		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process for preparing hyperbranched polymers from AB monomers using a self constructing approach is disclosed. Hyperbranched polymers of a living-like character produced by such process are also disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 3 hitstr

L11 ANSWER 3 OF 6 USPATFULL

IT 178884-16-7P 178884-20-3P
(prepn. of highly branched)

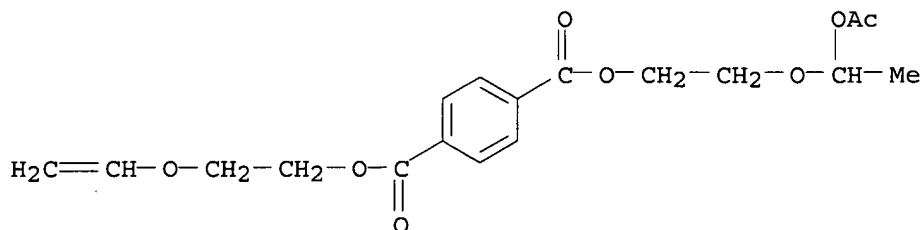
RN 178884-16-7 USPATFULL

CN 1,4-Benzenedicarboxylic acid, 2-[1-(acetyloxy)ethoxy]ethyl
2-(ethenyloxy)ethyl ester, homopolymer (9CI) (CA INDEX NAME)

CM 1

CRN 178884-15-6

CMF C18 H22 O8



RN 178884-20-3 USPATFULL

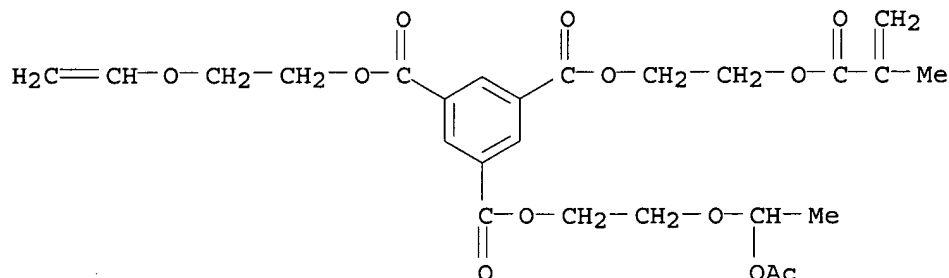
CN 1,3,5-Benzenetricarboxylic acid, 2-[1-(acetyloxy)ethoxy]ethyl

2-(ethenyloxy)ethyl 2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl ester,
homopolymer (9CI) (CA INDEX NAME)

CM 1

CRN 178884-19-0

CMF C25 H30 O12



=> d 4 ibib abs

L11 ANSWER 4 OF 6 USPATFULL

ACCESSION NUMBER: 96:118653 USPATFULL

TITLE: Hyperbranched polymers from AB monomers

INVENTOR(S): Frechet, Jean M. J., Ithaca, NY, United States

Aoshima, Sadahito, Chiba, Japan

PATENT ASSIGNEE(S): Cornell Research Foundation, Inc., Ithaca, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5587441		19961224
APPLICATION INFO.:	US 1994-335947		19941108 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Zitomer, Fred		
LEGAL REPRESENTATIVE:	Jacobs, Bruce F.		
NUMBER OF CLAIMS:	36		
EXEMPLARY CLAIM:	1		
LINE COUNT:	951		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process for preparing hyperbranched polymers from AB monomers using a self constructing approach is disclosed. Hyperbranched polymers of a living-like character produced by such process are also disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 5 ibib abs

L11 ANSWER 5 OF 6 USPATFULL

ACCESSION NUMBER: 77:43970 USPATFULL

TITLE: Prosthetics

INVENTOR(S): Jones, Michael Edward Benet, Runcorn, England

Jones, Eileen, Runcorn, England

Jaworzyn, Joseph Franciszek, Runcorn, England

PATENT ASSIGNEE(S) : Imperial Chemical Industries Limited, London, England
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4042978		19770823
APPLICATION INFO.:	US 1975-585868		19750611 (5)
DISCLAIMER DATE:	19920930		
RELATED APPLN. INFO.:	Division of Ser. No. US 1973-368199, filed on 8 Jun 1973, now patented, Pat. No. US 3908201		

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1972-30766	19720630
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Schain, Howard E.	
ASSISTANT EXAMINER:	Danison, Jr., W. C.	
LEGAL REPRESENTATIVE:	Cushman, Darby & Cushman	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1,8	
LINE COUNT:	620	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A prosthetic device having at least part of the surface thereof made of a material having a surface energy, as hereinbefore defined, in the range 50 erg cm.sup.-2 to 100 erg cm.sup.-2, for example, made of a plastics material which is a copolymer comprising repeat units having the structure --CH.sub.2 --CH.sub.2 --O-- and other units capable of stabilizing the copolymer in water, the copolymer comprising at least 10% by weight of units having the structure --CH.sub.2 --CH.sub.2 --O-- and no more than 95% by weight of said units.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 6 ibib abs

L11 ANSWER 6 OF 6 USPATFULL

ACCESSION NUMBER: 75:49998 USPATFULL
TITLE: Prosthetics
INVENTOR(S) : Jones, Michael Edward Benet, Runcorn, England
Jones, Eileen, Runcorn, England
Jaworzyn, Joseph Franciszek, Runcorn, England
PATENT ASSIGNEE(S) : Imperial Chemical Industries Limited, London, England
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 3908201		19750930
APPLICATION INFO.:	US 1973-368199		19730608 (5)

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1972-30766	19720630
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Goldstein, Melvin	
ASSISTANT EXAMINER:	Danison, Jr., W. C.	
LEGAL REPRESENTATIVE:	Cushman, Darby & Cushman	
NUMBER OF CLAIMS:	6	

EXEMPLARY CLAIM: 1
LINE COUNT: 586

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A prosthetic device having at least part of the surface thereof made of a material having a surface energy, as hereinbefore defined, in the range 50 erg cm.sup.--sup.2 to 100 erg cm.sup.--sup.2, for example, made of a plastics material which is a copolymer comprising repeat units having the structure --CH.sub.2 --CH.sub.2 --O-- and other units capable of stabilising the copolymer in water, the copolymer comprising at least 10% by weight of units having the structure --CH.sub.2 --CH.sub.2 --O-- and no more than 95% by weight of said units.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> fil stnguide

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

227.16

508.31

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

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LAST RELOADED: Jul 30, 2002 (20020730/UP).

=> fil caplus uspatfull biosis embase

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.06

508.37

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

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-0.62

FILE 'CAPLUS' ENTERED AT 16:35:31 ON 31 JUL 2002

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=> d his

(FILE 'HOME' ENTERED AT 16:30:16 ON 31 JUL 2002)

FILE 'REGISTRY' ENTERED AT 16:30:20 ON 31 JUL 2002

L1 STRUCTURE UPLOADED
L2 QUE L1
L3 50 S L2
L4 2194 S L2 FULL
L5 STRUCTURE UPLOADED
L6 QUE L5
L7 50 S L6
L8 1255 S L6 FULL

FILE 'CAPLUS, USPATFULL, BIOSIS, EMBASE' ENTERED AT 16:31:58 ON 31 JUL 2002

L9 968 S L8 AND L4
L10 6 S L9 AND COSMETIC
L11 6 DUP REM L10 (0 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 16:34:53 ON 31 JUL 2002

FILE 'CAPLUS, USPATFULL, BIOSIS, EMBASE' ENTERED AT 16:35:31 ON 31 JUL 2002

=> s l9(p)gel
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L9 (P)GEL'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L10(P)GEL'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L11(P)GEL'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L12(P)GEL'
L12 52 L9(P) GEL

=> dup rem l12
PROCESSING COMPLETED FOR L12
L13 51 DUP REM L12 (1 DUPLICATE REMOVED)

=> s polyester or terephthalic
L14 402263 POLYESTER OR TEREPHTHALIC

=> s l13 and l14
L15 38 L13 AND L14

=> d ibib abs

L15 ANSWER 1 OF 38 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1998:348195 CAPLUS
DOCUMENT NUMBER: 129:41490
TITLE: Cyclic polyesters: Part 8. Preparation and
 characterization of cyclic oligomers in six aromatic
 ester and ether-ester systems
AUTHOR(S): Hamilton, S. C.; Semlyen, J. A.; Haddleton, D. M.
CORPORATE SOURCE: Department of Chemistry, University of York, York,
YO1
 5DD, UK
SOURCE: Polymer (1998), 39(14), 3241-3252
 CODEN: POLMAG; ISSN: 0032-3861
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal

LANGUAGE: English

AB Cyclic oligomers of tetraethylene glycol terephthalate (TEGT), tetraethylene glycol isophthalate (TEGI), tetraethylene glycol orthophthalate (TEGO), decamethylene terephthalate (DMT), decamethylene isophthalate (DMI) and decamethylene orthophthalate (DMO) were prep'd. successfully and cleanly from a ring-chain equil. reaction in a dil.

soln.

of chlorobenzene. The reactions were monitored by **gel** permeation chromatog. (GPC) and proton and ¹³C NMR spectroscopy, and the molar cyclic concns. [M_x] were deduced (x = 1-10). The cyclic oligomers were also analyzed by fast atom bombardment mass spectrometry (FAB-MS), matrix assisted laser desorption ionization-time of flight mass spectrometry (MALDI-TOF MS) and differential scanning calorimetry (DSC). The existence of the cyclic oligomers was proven by all of the above methods. In addn., small amts. of linear species were formed, esp. in

the

TEGT system.

=> d 2 ibib abs

L15 ANSWER 2 OF 38 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1995:759128 CAPLUS

DOCUMENT NUMBER: 123:314924

TITLE: Atmospheric continuous **polyester** manufacturing process

INVENTOR(S): Bhatia, Kamlesh K.

PATENT ASSIGNEE(S): E. I. Du Pont de Nemours and Company, USA

SOURCE: U.S., 7 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
US 5434239	A	19950718	US 1983-138312	19831018

AB In the title process, a melt of a dihydroxy ester of a bifunctional carboxylic acid. e.g. bis(hydroxyethyl) terephthalate, or its low mol. oligomers, obtained by esterifying **terephthalic** acid or transesterifying di-Me terephthalate with ethylene glycol, is intimately contacted with an inert gas to facilitate polymn. and removal of the reaction byproducts. The glycol evolved and the inert gas are recycled. The process is conducted at atm. pressure or above, thereby avoiding high vacuum equipment and eliminating possible air contamination that causes product decompn. and **gel** formation.

=> d 3 ibib abs

L15 ANSWER 3 OF 38 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1977:55712 CAPLUS

DOCUMENT NUMBER: 86:55712

TITLE: Esterification of benzenecarboxylic acids with ethylene glycol. Part X. Liquid chromatography of benzenedicarboxylic acids and their 2-hydroxyethyl esters on silica **gel**

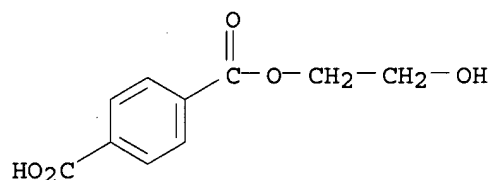
AUTHOR(S): Nondek, L.; Silhavy, P.; Malek, J.

CORPORATE SOURCE: Inst. Chem. Process Fundam., Czechoslovak Acad. Sci.,

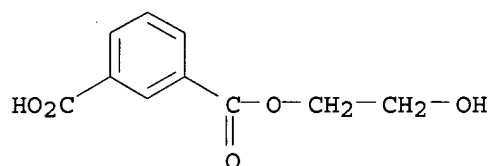
SOURCE: Prague, Czech.
J. Chromatogr. (1976), 129, 393-6
CODEN: JOCRAM
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Mixts. of **terephthalic** acid [100-21-0] and isophthalic acid
[121-91-5] with their mono(hydroxyethyl) and bis(hydroxyethyl) esters
were
detd. quant. by liq. chromatog. on silica **gel** beads with 1:1
CHCl₃-THF contg. 1% AcOH as the eluent and by thin-layer chromatog. on
silica **gel** plates developed with 2:1 CHCl₃-THF and obsd. under
UV radiation.

=> d 3 hitstr

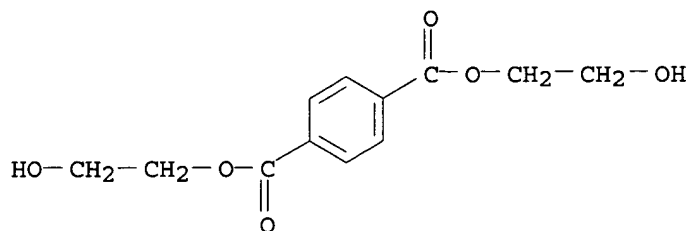
L15 ANSWER 3 OF 38 CAPLUS COPYRIGHT 2002 ACS
IT 1137-99-1 4890-15-7
RL: ANT (Analyte); ANST (Analytical study)
(detn. of, in mixts. with acid and diester, by chromatog.)
RN 1137-99-1 CAPLUS
CN 1,4-Benzenedicarboxylic acid, mono(2-hydroxyethyl) ester (9CI) (CA INDEX
NAME)



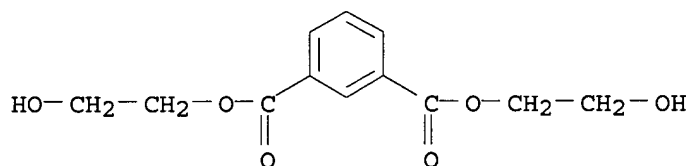
RN 4890-15-7 CAPLUS
CN 1,3-Benzenedicarboxylic acid, mono(2-hydroxyethyl) ester (9CI) (CA INDEX
NAME)



IT 959-26-2 3644-99-3
RL: ANT (Analyte); ANST (Analytical study)
(detn. of, in mixts. with acid and monoester, by chromatog.)
RN 959-26-2 CAPLUS
CN 1,4-Benzenedicarboxylic acid, bis(2-hydroxyethyl) ester (9CI) (CA INDEX
NAME)



RN 3644-99-3 CAPLUS
 CN 1,3-Benzenedicarboxylic acid, bis(2-hydroxyethyl) ester (9CI) (CA INDEX NAME)



=> d 4 ibib abs

L15 ANSWER 4 OF 38 USPATFULL

ACCESSION NUMBER: 2002:108665 USPATFULL

TITLE: Ballistic aerosol marking process employing marking material comprising **polyester** resin and poly(3,4-ethylenedioxypyrrole)

INVENTOR(S): Moffat, Karen A., Brantford, CANADA
 Carlini, Rina, Mississauga, CANADA
 McDougall, Maria N. V., Burlington, CANADA

PATENT ASSIGNEE(S): Xerox Corporation, Stamford, CT, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6387442	B1	20020514
APPLICATION INFO.:	US 2000-723834		20001128 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Cameron, Erma		
LEGAL REPRESENTATIVE:	Byorick, Judith L.		
NUMBER OF CLAIMS:	32		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	15 Drawing Figure(s); 8 Drawing Page(s)		
LINE COUNT:	2663		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed is a process for depositing marking material onto a substrate which comprises (a) providing a propellant to a head structure, said head structure having at least one channel therein, said channel having an exit orifice with a width no larger than about 250 microns through which the propellant can flow, said propellant flowing through the channel to form thereby a propellant stream having kinetic energy, said channel directing the propellant stream toward the substrate, and (b) controllably introducing a particulate marking material into the propellant stream in the channel, wherein the kinetic energy of the

propellant particle stream causes the particulate marking material to impact the substrate, and wherein the particulate marking material comprises toner particles which comprise a **polyester** resin, an optional colorant, and poly(3,4-ethylenedioxy pyrrole), said toner particles having an average particle diameter of no more than about 10 microns and a particle size distribution of GSD equal to no more than about 1.25, wherein said toner particles are prepared by an emulsion aggregation process, said toner particles having an average bulk conductivity of at least about 10.sup.-11 Siemens per centimeter.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 5 ibib abs

L15 ANSWER 5 OF 38 USPATFULL

ACCESSION NUMBER: 2001:168210 USPATFULL
TITLE: Polymerizations based on cyclic oligomer
INVENTOR(S): Burch, Jr., Robert Ray, Exton, PA, United States
Dembek, Alexa Ann, Midlothian, VA, United States
Lustig, Steven Raymond, Landenberg, PA, United States
Spinu, Maria, Hockessin, DE, United States
PATENT ASSIGNEE(S): E. I. du Pont de Nemours and Company, Wilmington, DE,
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6297330	B1	20011002
APPLICATION INFO.:	US 1999-347840		19990702 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-98250P	19980828 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Short, Patricia A.	
NUMBER OF CLAIMS:	13	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Figure(s); 1 Drawing Page(s)	
LINE COUNT:	273	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention concerns a process for polymerizing cyclic oligomers to homopolymers or copolymers, conducted in the presence of one or more linear polymers.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 6 ibib abs

L15 ANSWER 6 OF 38 USPATFULL

ACCESSION NUMBER: 2001:153034 USPATFULL
TITLE: Dental adhesive kit
INVENTOR(S): Yamamoto, Takashi, Moriyama, Japan
Arata, Masami, Moriyama, Japan
Ueki, Hideyuki, Moriyama, Japan
Tanaka, Harumi, Moriyama, Japan
Tomikawa, Tamotsu, Moriyama, Japan
Otsuki, Haruka, Moriyama, Japan
PATENT ASSIGNEE(S): Sun Medical Co., Ltd., Moriyama, Japan (non-U.S.)

corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6288138	B1	20010911
APPLICATION INFO.:	US 1998-213175		19981217 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1997-349143	19971218
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Szekely, Peter A.	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1457	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A kit for dental adhesive comprising a radical polymerizable monomer having an acid group in the molecule, a photosensitizer and/or a peroxide, a water-soluble organic solvent, an organic sulfinic acid and/or a salt thereof or a barbituric acid and/or a derivative thereof, and water. The kit may further comprises a radical polymerizable monomer which has no acid group and is insoluble or hardly soluble in water, an amine compound, a silane coupling agent and a 1,3,5-triazine-2,4-dithion derivative. By using this kit, the adhesive composition can be applied directly to a dentine without conducting a pretreatment.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 7 ibib abs

L15 ANSWER 7 OF 38 USPATFULL

ACCESSION NUMBER: 2001:102315 USPATFULL
TITLE: Oxygen scavengers with reduced oxidation products for use in plastic films
INVENTOR(S): Matthews, Andrew E., Greer, SC, United States
Depree, Craig, Palmerston North, New Zealand
PATENT ASSIGNEE(S): Cryovac, Inc., Duncan, SC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6254804	B1	20010703
APPLICATION INFO.:	US 2000-745150		20001220 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1999-275329, filed on 24 Mar 1999		

	NUMBER	DATE
PRIORITY INFORMATION:	NZ 1998-330077	19980325
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Berman, Susan W.	
ASSISTANT EXAMINER:	McClendon, Sanza	
LEGAL REPRESENTATIVE:	Quatt, Mark B.	
NUMBER OF CLAIMS:	6	
EXEMPLARY CLAIM:	1	

LINE COUNT: 1270

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An oxygen scavenger composition, for use in or with plastics materials, includes a polymer or oligomer having at least one cyclohexene group or functionality. The composition produces only low levels of volatile or extractable (from a plastics material in which it is incorporated) products as a consequence of oxygen scavenging.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 8 ibib abs

L15 ANSWER 8 OF 38 USPATFULL

ACCESSION NUMBER: 2001:102314 USPATFULL

TITLE: Oxygen scavengers with reduced oxidation products for use in plastic films

INVENTOR(S): Matthews, Andrew E., Greer, SC, United States
Depree, Craig, Palmerston North, New Zealand

PATENT ASSIGNEE(S): Cryovac, Inc., Duncan, SC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6254803	B1	20010703
APPLICATION INFO.:	US 1999-275329		19990324 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	NZ 1998-330077	19980325
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Seidleck, James J.	
ASSISTANT EXAMINER:	McClendon, Sanza	
LEGAL REPRESENTATIVE:	Quatt, Mark B.	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1325	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An oxygen scavenger composition, for use in or with plastics materials, includes a polymer or oligomer having at least one cyclohexene group or functionality. The composition produces only low levels of volatile or extractable (from a plastics material in which it is incorporated) products as a consequence of oxygen scavenging.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 9 ibib abs

L15 ANSWER 9 OF 38 USPATFULL

ACCESSION NUMBER: 2001:32721 USPATFULL

TITLE: Method for preparing light-absorbing polymeric compositions

INVENTOR(S): Weaver, Max Allen, Kingsport, TN, United States
Krutak, Sr., James John, Kingsport, TN, United States
Maxwell, Brian Edison, Johnson City, TN, United States
Rhodes, Gerry Foust, Piney Flats, TN, United States
Hilbert, Samuel David, Jonesborough, TN, United States
Fleischer, Jean Carroll, Kingsport, TN, United States

PATENT ASSIGNEE(S): Parham, William Whitfield, Johnson City, TN, United States
Eastman Chemical Company, Kingsport, TN, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6197223	B1	20010306
APPLICATION INFO.:	US 1999-320002		19990526 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1997-976206, filed on 21 Nov 1997, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-31478P	19961127 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Tucker, Philip	
LEGAL REPRESENTATIVE:	Smith, Matthew W., Gwinnell, Harry J., Harding, Karen A.	
NUMBER OF CLAIMS:	16	
EXEMPLARY CLAIM:	1	
LINE COUNT:	3598	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention recites a method comprising reacting in a solvent in the presence of a base

a) at least one diacidic monomer comprising about 1 to 100 mole % of at least one light-absorbing monomer having a light absorption maximum between about 300 nm and about 1200 nm and 99-0 mole % of a non-light absorbing monomer which does not absorb significant light at

wavelengths

above 300 nm or has a light absorption maximum below 300 nm, with

b) an organic compound of Formula II

X--B--X.sub.1

wherein B is a divalent organic radical to form a light absorbing composition comprising a mixture of a polymer having the formula ##STR1##

and a cyclic compound having the general formula ##STR2##

wherein B is as defined above; n is at least 2, m is 1, 2, 3 or 4 and A comprises the residue of a diacidic monomer comprising about 1 to 100 mole % of at least one light-absorbing monomer having a light

absorption

maximum between about 300 nm and about 1000 nm and wherein the remaining

portion of A comprises the residue of a non-light absorbing monomer which does not absorb significant light at wavelengths above 300 nm or has a light absorption maximum below 300 nm.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 10 ibib abs

L15 ANSWER 10 OF 38 USPATFULL

ACCESSION NUMBER: 1999:53537 USPATFULL
 TITLE: **Polyester** laminated metal sheet
 INVENTOR(S): Okamura, Takaaki, Yanai, Japan
 Tanaka, Atsuo, Tokuyama, Japan
 Inui, Tsuneo, Tokuyama, Japan
 Miyachi, Akio, Kudamatsu, Japan
 PATENT ASSIGNEE(S): Toyo Kohan Co., Ltd., Tokyo, Japan (non-U.S.
 corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5900325		19990504
APPLICATION INFO.:	US 1997-901819		19970728 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1996-611769, filed on 10 Apr 1996, now abandoned which is a continuation of Ser.		
DOCUMENT TYPE:	No. US 1993-101995, filed on 4 Aug 1993, now abandoned Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Simmons, David A.		
ASSISTANT EXAMINER:	Gray, Linda L.		
LEGAL REPRESENTATIVE:	Fulbright & Jaworski, LLP		
NUMBER OF CLAIMS:	12		
EXEMPLARY CLAIM:	12		
LINE COUNT:	944		

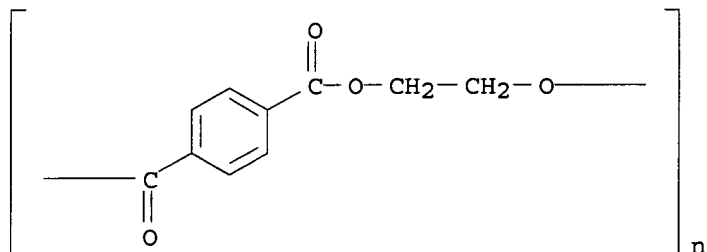
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

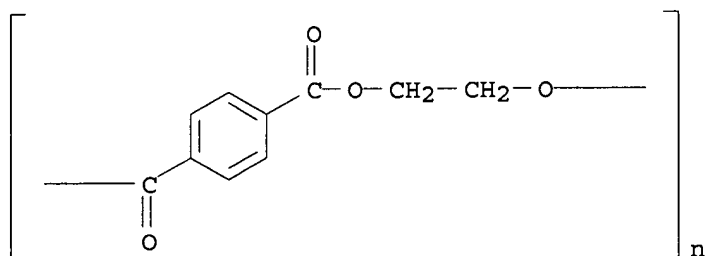
AB A **polyester** resin film laminated metal sheet having a metal
 sheet and a **polyester** resin film on at least one surface. The
polyester resin film is 41 to 58 weight percent polybutyylene
 terephthalate and 42 to 59 weight percent polyethylene terephthalate.
 This composition provides the **polyester** resin film laminated
 metal sheet with an improved resistance to milky discoloration during
 retort treatment.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

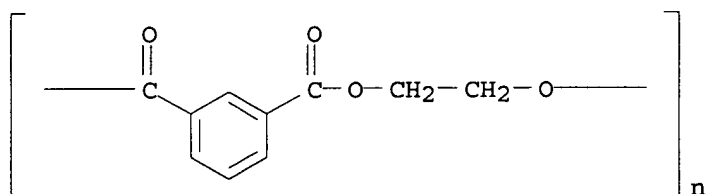
=> d 10 hitstr

L15 ANSWER 10 OF 38 USPATFULL
 IT 25038-59-9, Poly(ethylene terephthalate), uses 26948-62-9
 , Poly(ethylene isophthalate)
 (lamination with, of metal sheets, chromium oxide hydrate layer with
 or without chromium layer in)
 RN 25038-59-9 USPATFULL
 CN Poly(oxy-1,2-ethanediylloxycarbonyl-1,4-phenylenecarbonyl) (9CI) (CA
 INDEX NAME)





RN 26948-62-9 USPATFULL
 CN Poly(oxy-1,2-ethanediylloxycarbonyl-1,3-phenylenecarbonyl) (9CI) (CA
 INDEX
 NAME)



=> d 11 ibib abs

L15 ANSWER 11 OF 38 USPATFULL
 ACCESSION NUMBER: 1998:157450 USPATFULL
 TITLE: Polyesters production process
 INVENTOR(S): Bhatia, Kamlesh Kumar, Newark, DE, United States
 PATENT ASSIGNEE(S): E. I. du Pont de Nemours and Company, Wilmington, DE,
 United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5849849		19981215
APPLICATION INFO.:	US 1997-847545		19970423 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1996-734656, filed on 21 Dec 1996, now patented, Pat. No. US 5688898 which is a division of Ser. No. US 1996-632994, filed on 16 Apr 1996, now patented, Pat. No. US 5599900 which is a continuation-in-part of Ser. No. US 1995-438299, filed on 10 May 1995, now patented, Pat. No. US 5552513		

which

is a continuation-in-part of Ser. No. US 1993-138312, filed on 18 Oct 1993, now patented, Pat. No. US

5454239
 DOCUMENT TYPE: Utility
 FILE SEGMENT: Granted
 PRIMARY EXAMINER: Short, Patricia A.
 NUMBER OF CLAIMS: 4
 EXEMPLARY CLAIM: 1
 NUMBER OF DRAWINGS: 2 Drawing Figure(s); 1 Drawing Page(s)
 LINE COUNT: 745

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An atmospheric pressure process for the continuous production of

polyester is disclosed wherein a melt of bis(3-hydroxy propyl) terephthalate, or its low molecular oligomers, obtained by esterifying **terephthalic acid** or transesterifying dimethyl terephthalate with propylene glycol, is intimately contacted with an inert gas to facilitate polymerization and removal of the reaction by-products. The propylene glycol evolved and the inert gas are recycled.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 12 ibib abs

L15 ANSWER 12 OF 38 USPATFULL

ACCESSION NUMBER: 1998:156894 USPATFULL
 TITLE: Dental adhesives
 INVENTOR(S): Podszun, Wolfgang, Koln, Germany, Federal Republic of
 Finger, Werner, Neuss, Germany, Federal Republic of
 PATENT ASSIGNEE(S): Heraeus Kulzer GmbH, Hanau, Germany, Federal Republic
 of (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5849270		19981215
APPLICATION INFO.:	US 1997-787127		19970122 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1996-19603577	19960201
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Reamer, James H.	
LEGAL REPRESENTATIVE:	Frishauf, Holtz, Goodman, Langer & Chick, P.C.	
NUMBER OF CLAIMS:	12	
EXEMPLARY CLAIM:	1,10	
LINE COUNT:	637	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The adhesion of resin material to the solid substance of the tooth and to metals and metal alloys, for example, dental alloys, can be improved with a photo-polymerizable formulation containing hydroxyalkyl(meth)acrylates, urethanedi(meth)acrylates and, if applicable, esters of aromatic polycarboxylic acids possessing methacryloyloxy groups.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 13 ibib abs

L15 ANSWER 13 OF 38 USPATFULL

ACCESSION NUMBER: 97:107182 USPATFULL
 TITLE: Polyesters production process
 INVENTOR(S): Bhatia, Kamlesh Kumar, Newark, DE, United States
 PATENT ASSIGNEE(S): E. I. Du Pont de Nemours and Company, Wilmington, DE,
 United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5688898		19971118
APPLICATION INFO.:	US 1996-734656		19961021 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1996-632994, filed on 16 Apr		

1996 which is a continuation-in-part of Ser. No. US 1995-438299, filed on 10 May 1995, now patented, Pat. No. US 5552513 which is a continuation-in-part of Ser. No. US 1993-138312, filed on 18 Oct 1993, now patented,

Pat. No. US 5434239
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Acquah, Samuel A.
NUMBER OF CLAIMS: 10
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Figure(s); 1 Drawing Page(s)
LINE COUNT: 732

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An atmospheric pressure process for the continuous production of **polyester** is disclosed wherein a melt of bis(3-hydroxy propyl) terephthalate, or its low molecular oligomers, obtained by esterifying **terephthalic** acid or transesterifying dimethyl terephthalate with propylene glycol, is intimately contacted with an inert gas to facilitate polymerization and removal of the reaction by-products. The propylene glycol evolved and the inert gas are recycled.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 14 ibib abs

L15 ANSWER 14 OF 38 USPATFULL

ACCESSION NUMBER: 97:10008 USPATFULL
TITLE: Soil release agents for granular laundry detergents
INVENTOR(S): Pan, Robert Y. L., Blue Ash, OH, United States
Gosselink, Eugene P., Cincinnati, OH, United States
Pancheri, Eugene J., Montgomery, OH, United States
Morrall, Stephen W., Guilford, IN, United States
PATENT ASSIGNEE(S): The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5599782		19970204
APPLICATION INFO.:	US 1995-576263		19951221 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1994-265566, filed on 24 Jun 1994, now abandoned which is a continuation of Ser. No. US 1992-905487, filed on 25 Jun 1992, now abandoned		

which is a continuation of Ser. No. US 1990-579742, filed on 7 Sep 1990, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: McGinty, Douglas J.
ASSISTANT EXAMINER: Fries, Kery
LEGAL REPRESENTATIVE: Yetter, Jerry J., Zerby, Kim W., Bolam, Brian M.
NUMBER OF CLAIMS: 9
EXEMPLARY CLAIM: 1,5
LINE COUNT: 1243

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Improved soil release agents for granular laundry detergents, typically used at levels as low as about 1% of a fully-formulated anionic surfactant-containing granular detergent, are reaction products of

transesterifying and oligomerizing mixtures of monomers having the functions MO.sub.3 SC.sub.6 H.sub.4 C(O)--, M'O.sub.3 SC.sub.6 H.sub.3 {C(O)O--}.sub.2, --(O)CC.sub.6 H.sub.4 C(O)-- and --OCH.sub.2 CH.sub.2 O-- wherein M and M' are independently selected from lithium, potassium and sodium, more preferably sodium; said mixtures having mole ratio of MO.sub.3 SC.sub.6 H.sub.4 C(O)-- to --(O)CC.sub.6 H.sub.4 C(O)-- of from about 0.2:1 to about 1.4:1, mole ratio of MO.sub.3 SC.sub.6 H.sub.4 C(O)-- to M'O.sub.3 SC.sub.6 H.sub.3 {C(O)O--}.sub.2 of from about 0.67:1 to about 20:1 and mole ratio of MO.sub.3 SC.sub.6 H.sub.4 C(O)-- to --OCH.sub.2 CH.sub.2 O-- of from about 0.007:1 to about 0.51:1 and being substantially free from monomers of formula HOROH wherein R is propylene or higher alkyl.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 15 ibib abs

L15 ANSWER 15 OF 38 USPATFULL

ACCESSION NUMBER: 96:111281 USPATFULL
 TITLE: Electrophotographic light-sensitive material
 INVENTOR(S): Kato, Eiichi, Shizuoka, Japan
 Ishii, Kazuo, Shizuoka, Japan
 PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Kanagawa, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5580690		19961203
APPLICATION INFO.:	US 1994-357150		19941215 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1993-70540, filed on 2 Jun 1993, now abandoned which is a continuation-in-part of Ser. No. US 1993-39138, filed on 7 Apr 1993, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1991-221294	19910807
	JP 1991-260531	19910912
	JP 1991-291865	19911014
	JP 1991-334539	19911125
	JP 1992-220928	19920729
	JP 1992-224563	19920803

DOCUMENT TYPE: Utility
 FILE SEGMENT: Granted
 PRIMARY EXAMINER: Rodee, Christopher D.
 LEGAL REPRESENTATIVE: Sughrue, Mion, Zinn, Macpeak & Seas
 NUMBER OF CLAIMS: 7
 EXEMPLARY CLAIM: 1
 LINE COUNT: 5193

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An electrophotographic light-sensitive material which has improved electrostatic characteristics and image forming performance and is excellent particularly in reproducibility of highly accurate image

using a liquid developer and image forming performance upon a scanning exposure system using a laser beam of a low power.

The electrophotographic light-sensitive material contains, as a binder

resin, at least one resin selected from a low molecular weight resin (A.sub.1) formed from a macromonomer containing a polymer component of formula (I) and a monomer of the formula (I) and having a polar group bonded at one terminal of the main chain thereof, a low molecular weight

resin (A.sub.2) formed from a macromonomer containing at random polar groups and a low molecular weight resin (A.sub.3) formed from a macromonomer containing polar groups as a block, and a resin (B) which is a medium to high molecular weight starlike polymer comprising an organic molecule having bonded thereto at least three polymer chains each containing a polymer component containing a specified polar group and a polymer component of formula (I). ##STR1## wherein a.sup.1 and a.sup.2 : hydrogen, halogen, a cyano group, a hydrocarbon group, --COOR.sup.4 or --COOR.sup.4 bonded via a hydrocarbon group (R.sup.4 : hydrocarbon group), and R.sup.3 : a hydrocarbon group.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 16 ibib abs

L15 ANSWER 16 OF 38 USPATFULL

ACCESSION NUMBER: 96:87457 USPATFULL
TITLE: Electrophotographic light-sensitive material
INVENTOR(S): Kato, Eiichi, Shizuoka, Japan
Ishii, Kazuo, Shizuoka, Japan
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Kanagawa, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5558966		19960924
APPLICATION INFO.:	US 1995-454492		19950530 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1993-30498, filed on 30 Mar 1993, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1991-211350	19910730
	JP 1991-218048	19910805
	JP 1991-290457	19911011
	JP 1992-157277	19920526
	JP 1992-157278	19920526
	WO 1992-JP967	19920730

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Rodee, Christopher D.
LEGAL REPRESENTATIVE: Sughrue, Mion, Zinn, Macpeak & Seas
NUMBER OF CLAIMS: 7
EXEMPLARY CLAIM: 1
LINE COUNT: 5324

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An electrophotographic light-sensitive material which has improved electrostatic characteristics and image forming performance and is excellent particularly in reproducibility of highly accurate image

using a liquid developer and image forming performance upon a scanning exposure system using a laser beam of a low power.

The electrophotographic light-sensitive material contains, as a binder resin, at least one resin selected from a low molecular weight resin (A.sub.1) formed from a macromonomer containing a polymer component of formula (I) and a monomer of the formula (I), a low molecular weight resin (A.sub.2) formed from a macromonomer containing at random polar groups and a low molecular weight resin (A.sub.3) formed from a macromonomer containing polar groups as a block, and a resin (B) which is a medium to high molecular weight AB block copolymer comprising an A block containing a specified polar group and a B block containing a polymer component of formula (I). ##STR1## wherein a.sup.1 and a.sup.2

:

hydrogen, halogen, a cyano group, a hydrocarbon group, --COOR.sup.4 or --COOR.sup.4 bonded via a hydrocarbon group (R.sup.4 : hydrocarbon group), and R.sup.3 : a hydrocarbon group.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 17 ibib abs

L15 ANSWER 17 OF 38 USPATFULL

ACCESSION NUMBER: 96:36426 USPATFULL

TITLE: Silver halide color photographic light-sensitive material and method for forming color image therewith

INVENTOR(S): Kase, Akira, Kanagawa, Japan

PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Kanagawa, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5512425		19960430
APPLICATION INFO.:	US 1995-517669		19950822 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1993-159316, filed on 30 Nov 1993, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1992-341015	19921130
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Baxter, Janet C.	
LEGAL REPRESENTATIVE:	Sughrue, Mion, Zinn, Macpeak & Seas	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2383	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A color photographic light-sensitive material has excellent smoothness and glossiness on the surface of the light-sensitive material and provides good color developing performance and excellent color reproduction performance as well as less pressure fog in aging and storage. The light-sensitive material comprises a reflective support having provided thereon at least one yellow dye forming coupler-containing silver halide emulsion layer, at least one magenta dye forming coupler-containing silver halide emulsion layer, and at least one cyan dye forming coupler-containing silver halide emulsion layer, each having a different light sensitivity, wherein the reflective support comprises a substrate having provided at least on the surface of an emulsion layer-coated side thereof, a composition prepared by mixing

and dispersing a white pigment in a resin containing **polyester** as a main component; the cyan dye forming coupler-containing silver halide emulsion layer contains at least one cyan dye forming coupler compound represented by the following formula (Ia); and the film pH of the light-sensitive material is 4.0 to 6.5: ##STR1## wherein R.sub.1

and

R.sub.2 each represents an electron attractive group having a Hammett's substituent constant .sigma..sub.p of 0.20 or more, provided that the sum of the .sigma..sub.p values of R.sub.1 and R.sub.2 is 0.65 or more, and Za, Zb, Zc, and X are as defined in the specification.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 18 ibib abs

L15 ANSWER 18 OF 38 USPATFULL

ACCESSION NUMBER: 95:105896 USPATFULL
TITLE: Odor free, air dry, decorative latex paints
INVENTOR(S): Craun, Gary P., Berea, OH, United States
Rosekelly, George S., Lakewood, OH, United States
Floyd, F. Louis, Silver Spring, MD, United States
PATENT ASSIGNEE(S): The Glidden Company, Cleveland, OH, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5470906		19951128
APPLICATION INFO.:	US 1993-173069		19931227 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Yoon, Tae H.		
LEGAL REPRESENTATIVE:	Schmitz, Thomas M.		
NUMBER OF CLAIMS:	8		
EXEMPLARY CLAIM:	1		
LINE COUNT:	930		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An aqueous ambient dry paint coating based on an emulsion copolymerized addition polymer containing an oligomer selected from a polyurethane or a **polyester** having a Tg below -20.degree. C. and a number average molecular weight between 300 and 5,000, where the coating is free of organic coalescing solvents. The matrix addition polymer is combined with an oligomer produced by forming an aqueous micro-preemulsion of oligomer in water by high shear mixing of oligomer and water containing 40% to 70% by weight oligomer and at temperatures between about 20.degree. C. and 100.degree. C. to provide an aqueous pre-emulsion having an organic phase droplet size less than 10 microns.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 19 ibib abs

L15 ANSWER 19 OF 38 USPATFULL

ACCESSION NUMBER: 95:101277 USPATFULL
TITLE: Polymerization of macrocyclic poly(alkylene dicarboxylate) oligomers
INVENTOR(S): Evans, Thomas L., Clifton Park, NY, United States
Brunelle, Daniel J., Scotia, NY, United States

PATENT ASSIGNEE(S): Bradt, Jean E., Esperance, NY, United States
 Pearce, Eric J., Clifton Park, NY, United States
 Wilson, Paul R., Scotia, NY, United States
 General Electric Company, Schenectady, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
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PATENT INFORMATION:	US 5466744		19951114
APPLICATION INFO.:	US 1995-369986		19950109 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1991-702577, filed on 20 May 1991, now abandoned which is a		

continuation-in-part of Ser. No. US 1990-608767, filed on 5 Nov 1990, now patented, Pat. No. US 5039783

DOCUMENT TYPE: Utility

FILE SEGMENT: Granted

PRIMARY EXAMINER: Acquah, Samuel A.

LEGAL REPRESENTATIVE: Pittman, William H.

NUMBER OF CLAIMS: 31

EXEMPLARY CLAIM: 1

LINE COUNT: 529

AB Macrocyclic **polyester** oligomer compositions comprising
 alkylene isophthalate or terephthalate units or the like are prepared
 by

the reaction of a diol with a diacid chloride in the presence of at least one amine characterized by substantially no steric hindrance around the basic nitrogen atom. The reaction is conducted under substantially anhydrous conditions and at a temperature from about -25.degree. to about +25.degree. C. The resulting macrocyclic oligomers may be converted to linear polyesters by contact with catalysts including basic reagents, stannous alkoxides, organotin compounds, titanate esters and metal acetylacetonates.

=> d 20 ibib abs

L15 ANSWER 20 OF 38 USPATFULL

ACCESSION NUMBER: 95:92670 USPATFULL

TITLE: Silver halide photographic light-sensitive material

INVENTOR(S): Ito, Mineko, Hino, Japan
 Saito, Koichi, Hino, Japan
 Kurachi, Yasuo, Hino, Japan

PATENT ASSIGNEE(S): Konica Corporation, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
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PATENT INFORMATION:	US 5459021		19951017
APPLICATION INFO.:	US 1994-273770		19940712 (8)

	NUMBER	DATE
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PRIORITY INFORMATION:	JP 1993-175558	19930715
	JP 1993-175564	19930715
	JP 1994-56097	19940325
	JP 1994-56099	19940325

DOCUMENT TYPE: Utility

FILE SEGMENT: Granted

PRIMARY EXAMINER: Schilling, Richard L.

LEGAL REPRESENTATIVE: Bierman, Jordan B.Bierman and Muserlian
NUMBER OF CLAIMS: 18
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Figure(s); 2 Drawing Page(s)
LINE COUNT: 1831

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A silver halide photographic light-sensitive material is provided,
comprising a support having on one side thereof a silver halide
emulsion
layer, wherein the photographic light-sensitive material has a magnetic
recording layer on the other side of the support, and having, on at
least one side the support, a layer containing metal oxide particles
having a crystallite size, on the average, of 1 to 20 nm.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 21 ibib abs

L15 ANSWER 21 OF 38 USPATFULL

ACCESSION NUMBER: 95:90442 USPATFULL
TITLE: Shaped plastic article
INVENTOR(S): Sommer, Klaus, Pittsburgh, PA, United States
Morbitzner, Leo, Koln, Germany, Federal Republic of
Bollens, Louis, Begijnendijk, Belgium
Stevens, Marc, Belsele, Belgium
Plaetschke, Rudiger, Leverkusen, Germany, Federal
Republic of
Pischtschan, Alfred, Kurten, Germany, Federal Republic
of
PATENT ASSIGNEE(S): Agfa Gevaert AG, Leverkusen, Germany, Federal Republic
of (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5457018		19951010
APPLICATION INFO.:	US 1994-337888		19941114 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1993-4339983	19931124
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Neville, Thomas R.	
LEGAL REPRESENTATIVE:	Connolly & Hutz	
NUMBER OF CLAIMS:	10	
EXEMPLARY CLAIM:	1	
LINE COUNT:	939	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A shaped article, in particular a support for image information layers
prepared from a biaxially stretched film prepared from a polymer blend
of 50 to 97 wt.% of a linear **polyester** and 3 to 50 wt.% of a
polymer containing styrene, wherein the percentages relate to the sum
of
polyester and polymer containing styrene, is characterised by
particularly-elevated covering power.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 22 ibib abs

L15 ANSWER 22 OF 38 USPATFULL

ACCESSION NUMBER: 95:58264 USPATFULL
TITLE: 3-(2-acyloxyethoxyphenyl)benzofuran-2-ones for use as stabilizers
INVENTOR(S): Nesvadba, Peter, Marly, Switzerland
PATENT ASSIGNEE(S): Ciba-Geigy Corporation, Ardsley, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5428162		19950627
APPLICATION INFO.:	US 1993-124139		19930920 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	CH 1992-297992	19920923
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Ivy, C. Warren	
ASSISTANT EXAMINER:	Owens, A. A.	
LEGAL REPRESENTATIVE:	Hall, Luther A. R.	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2012	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Novel compounds of the formula (1), ##STR1## in which R.sub.1 is hydrogen or acyl, R.sub.2 to R.sub.5 are independently hydrogen, chloro, alkyl phenylalkyl, aryl, cycloalkyl, alkoxy, alkylthio, hydroxy, amino or substituted amino, R.sub.6 is hydrogen, R.sub.7 to R.sub.10 are independently hydrogen, alkyl or alkoxy, R.sub.17 or R.sub.19 is hydrogen or alkyl, and R.sub.18 is hydrogen, alkyl, aralkyl or aryl, are described for use as stabilizers for organic materials against thermal, oxidative or light-induced degradation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 23 ibib abs

L15 ANSWER 23 OF 38 USPATFULL

ACCESSION NUMBER: 95:50216 USPATFULL
TITLE: Process for producing odor free, air dry, decorative latex paints
INVENTOR(S): Floyd, F. Louis, Silver Spring, MD, United States
Craun, Gary P., Berea, OH, United States
PATENT ASSIGNEE(S): The Glidden Company, Cleveland, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5422392		19950606
APPLICATION INFO.:	US 1993-167187		19931216 (8)
DISCLAIMER DATE:	20110705		
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1993-19633, filed on 18 Feb 1993, now patented, Pat. No. US 5326808		

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Reddick, Judy M.
LEGAL REPRESENTATIVE: Schmitz, Thomas M.
NUMBER OF CLAIMS: 14
EXEMPLARY CLAIM: 1
LINE COUNT: 1238

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An aqueous ambient dry paint coating based on an addition copolymer matrix polymer containing an oligomer selected from a polyurethane or a **polyester** having a Tg below -20.degree. C. and a number average molecular weight between 200 and 20,000, where the coating is free of organic coalescing solvents. The matrix polymer comprises emulsion copolymerized ethylenic monomers, preferably vinyl acetate monomer, and is produced by mixing the oligomer with the ethylenic monomers to form an organic mixture of monomer and oligomer, providing an aqueous micro dispersion of the organic mixture phase droplet size less than 5 microns, and copolymerizing the monomer to produce a vinyl acetate polymer containing oligomer, where the polymeric system is free of coalescing organic solvent.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 24 ibib abs

L15 ANSWER 24 OF 38 USPATFULL

ACCESSION NUMBER: 94:57851 USPATFULL
TITLE: Odor free, air dry, aqueous emulsion paints
INVENTOR(S): Floyd, F. Louis, Strongsville, OH, United States
Craun, Gary P., Berea, OH, United States
PATENT ASSIGNEE(S): The Glidden Company, Cleveland, OH, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5326808		19940705
APPLICATION INFO.:	US 1993-19633		19930218 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Reddick, Judy M.		
LEGAL REPRESENTATIVE:	Schmitz, Thomas M.		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1186		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An aqueous ambient dry paint coating based on vinyl acetate matrix polymer containing an oligomer selected from a polyurethane or a **polyester** having a Tg below -20.degree. C. and a number average molecular weight between 200 and 20,000, where the coating is free of organic coalescing solvents. The matrix polymer is produced by mixing the oligomer with the vinyl acetate monomer and other ethylenic monomers, if any, to form an organic mixture of monomer and oligomer, providing an aqueous micro dispersion of the organic mixture phase droplet size less than 5 microns, and copolymerizing the monomer to produce a vinyl acetate polymer containing oligomer, where the polymeric system is free of coalescing organic solvent.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 25 ibib abs

L15 ANSWER 25 OF 38 USPATFULL

ACCESSION NUMBER: 94:5515 USPATFULL

TITLE: Cellulose ester film containing phosphoric ester plasticizer and aromatic carboxylic ester and process for preparation of the same

INVENTOR(S): Nishiura, Yosuke, Kanagawa, Japan

Shinagawa, Yukio, Kanagawa, Japan

PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Kanagawa, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5279659		19940118
APPLICATION INFO.:	US 1991-769687		19911002 (7)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1990-264445	19901002
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Brunsmann, David	
LEGAL REPRESENTATIVE:	Sughrue, Mion, Zinn, Macpeak & Seas	
NUMBER OF CLAIMS:	13	
EXEMPLARY CLAIM:	1	
LINE COUNT:	689	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A cellulose ester film contains a phosphoric ester as a plasticizer.
The

film further contains an aromatic carboxylic ester represented by the formula [I]. ##STR1## in which n is 3, 4, 5 or 6; R is an alkyl group

or

an alkenyl group, each of which may have one or more substituent groups;

the benzene ring may have one or more substituent groups other than the groups represented by --COOR; and the groups represented by --COOR may be different from each other. A process for preparation of the film is also disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 26 ibib abs

L15 ANSWER 26 OF 38 USPATFULL

ACCESSION NUMBER: 93:102832 USPATFULL

TITLE: Aqueous polyesters, easily bondable polyester films formed by coating said aqueous polyesters, and process for producing same

INVENTOR(S): Nishimura, Akihiro, Kobe, Japan

Miura, Sadayoshi, Yamato, Japan

Ichihashi, Tetsuo, Matsuyama, Japan

PATENT ASSIGNEE(S): Teijin Limited, Osaka, Japan (non-U.S. corporation)

NUMBER	KIND	DATE
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PATENT INFORMATION: US 5268420 19931207
APPLICATION INFO.: US 1992-974125 19921110 (7)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1991-328308	19911118
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Welsh, Maurice J.	
LEGAL REPRESENTATIVE:	Wenderoth, Lind & Ponack	
NUMBER OF CLAIMS:	7	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Figure(s); 1 Drawing Page(s)	
LINE COUNT:	597	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An aqueous **polyester** comprising a polybasic acid component containing not less than 5 mol%, based on the total amount of the acid component, of phenylindanedicarboxylic acid. An easily bondable **polyester** film wherein a thin layer of the aqueous **polyester** is coated on at least one side of the **polyester** film.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 27 ibib abs

L15 ANSWER 27 OF 38 USPATFULL

ACCESSION NUMBER: 93:16731 USPATFULL
TITLE: Macrocyclic filled compositions convertible to **polyester** composites
INVENTOR(S): Cook, Todd D., Schenectady, NY, United States
Salem, Andrew J., Schenectady, NY, United States
Evans, Thomas L., Clifton Park, NY, United States
Pearce, Eric J., Clifton Park, NY, United States
McAlea, Kevin P., Clifton Park, NY, United States
PATENT ASSIGNEE(S): General Electric Company, Schenectady, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5191013		19930302
APPLICATION INFO.:	US 1991-700839		19910516 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Michl, Paul R.		
ASSISTANT EXAMINER:	Rajguru, U. K.		
LEGAL REPRESENTATIVE:	Pittman, William H.		
NUMBER OF CLAIMS:	22		
EXEMPLARY CLAIM:	1		
LINE COUNT:	487		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Thermoplastic **polyester** composites are prepared from compositions comprising a filler, at least one macrocyclic poly(alkylene dicarboxylate) oligomer and a polymerization catalyst therefor. The use of **polyester** oligomer mixtures is preferred, and they may be present in liquid or solid form. The **polyester** composites prepared therefrom are characterized by excellent properties including solvent resistance.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 28 ibib abs

L15 ANSWER 28 OF 38 USPATFULL

ACCESSION NUMBER: 91:79855 USPATFULL
TITLE: Electrophotographic lithographic printing plate precursor
INVENTOR(S): Kato, Eiichi, Shizuoka, Japan
Ishii, Kazuo, Shizuoka, Japan
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Kanagawa, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5053301		19911001
APPLICATION INFO.:	US 1989-322965		19890314 (7)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1988-58256	19880314
	JP 1988-88917	19880413
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Goodrow, John	
LEGAL REPRESENTATIVE:	Sughrue, Mion, Zinn, Macpeak & Seas	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1554	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A lithographic printing plate precursor excellent in oil-desensitvity, whereby an original is faithfully reproduced without occurrence of overall or spotted stains as an offset master is provided, which comprises an electrically conductive support and at least one photoconductive layer, provided thereon, containing photoconductive zinc oxide and a binder resin, in which said photoconductive layer contains hydrophilic resin grains having an average grain diameter of same as or smaller than the maximum grain diameter of said photoconductive zinc oxide grains.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 29 ibib abs

L15 ANSWER 29 OF 38 USPATFULL

ACCESSION NUMBER: 91:64936 USPATFULL
TITLE: Method for preparing and polymerizing macrocyclic poly(alkylene discarboxylate) oligomers
INVENTOR(S): Brunelle, Daniel J., Scotia, NY, United States
Bradt, Jean E., Esperance, NY, United States
PATENT ASSIGNEE(S): General Electric Company, Schenectady, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5039783		19910813

APPLICATION INFO.: US 1990-608767 19901105 (7)
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Kight, III, John
ASSISTANT EXAMINER: Acquah, Sam A.
LEGAL REPRESENTATIVE: Pittman, William H., Davis, Jr., James C.
NUMBER OF CLAIMS: 15
EXEMPLARY CLAIM: 1
LINE COUNT: 369

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Macrocyclic **polyester** oligomer compositions comprising
alkylene isophthalate or terephthalate units or the like are prepared
by
the reaction of a diol with a diacid chloride in the presence of at
least one amine characterized by substantially no steric hindrance
around the basic nitrogen atom. The reaction is conducted under
substantially anhydrous conditions and at a temperature from about
-25.degree. to about +25.degree. C. The resulting macrocyclic oligomers
may be converted to linear polyesters by contact with catalysts
including alkali metal salicylates, stannous alkoxides and organotin
compounds.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 30 ibib abs

L15 ANSWER 30 OF 38 USPATFULL

ACCESSION NUMBER: 89:49530 USPATFULL
TITLE: Photosensitive composition based on a diazonium salt
polycondensation product with an ester polymer binder
having urethane group
INVENTOR(S): Pawlowski, Georg, Wiesbaden, Germany, Federal Republic
of
Hultsch, Guenter, Wiesbaden, Germany, Federal Republic
of
Mack, Gerhard, Walluf, Germany, Federal Republic of
PATENT ASSIGNEE(S): Hoechst Aktiengesellschaft, Frankfurt am Main,
Germany,
Federal Republic of (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4840868		19890620
APPLICATION INFO.:	US 1987-135448		19871221 (7)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1986-3644163	19861223
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Bowers, Jr., Charles L.	
LEGAL REPRESENTATIVE:	Foley & Lardner, Schwartz, Jeffery, Schwaab, Mack, Blumenthal & Evans	
NUMBER OF CLAIMS:	13	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1080	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A photosensitive composition is described, which contains a diazonium
salt polycondensation product and a polymeric binder which is soluble
or

at least swellable in aqueous-alkaline solutions and comprises a reaction product of a trimellitic anhydride, the free carboxyl group of which is esterified with an alcohol containing a urethane group, with a polymer containing hydroxyl groups and having no further functional groups capable of reaction with acid anhydrides. The composition yields an increased print run and has, at the same time, good storability and developability.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 31 ibib abs

L15 ANSWER 31 OF 38 USPATFULL

ACCESSION NUMBER: 85:22250 USPATFULL

TITLE: Electrodeposition of resinous compositions curable through a transesterification curing mechanism

INVENTOR(S): Valko, Joseph T., Gibsonia, PA, United States

PATENT ASSIGNEE(S): PPG Industries, Inc., Pittsburgh, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4511447		19850416
APPLICATION INFO.:	US 1984-636632		19840801 (6)
RELATED APPLN. INFO.:	Division of Ser. No. US 1981-288239, filed on 29 Jul 1981		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Williams, Howard S.		
LEGAL REPRESENTATIVE:	Uhl, William J.		
NUMBER OF CLAIMS:	10		
EXEMPLARY CLAIM:	1		
LINE COUNT:	683		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Coating compositions comprising a polymeric polyol with a **polyester** crosslinking agent having at least two gamma and/or delta-hydroxyester groups per molecule are disclosed. The compositions, when applied to a substrate and cured in the presence of a transesterification catalyst, give solvent-resistant coatings.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 32 ibib abs

L15 ANSWER 32 OF 38 USPATFULL

ACCESSION NUMBER: 84:70553 USPATFULL

TITLE: Resinous compositions curable through a transesterification curing mechanism

INVENTOR(S): Valko, Joseph T., Gibsonia, PA, United States

PATENT ASSIGNEE(S): PPG Industries, Inc., Pittsburgh, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4489182		19841218
APPLICATION INFO.:	US 1981-288239		19810729 (6)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		

PRIMARY EXAMINER: Pertilla, Theodore E.
LEGAL REPRESENTATIVE: Uhl, William J.
NUMBER OF CLAIMS: 16
EXEMPLARY CLAIM: 13
LINE COUNT: 702

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Coating compositions comprising a polymeric polyol with a **polyester** crosslinking agent having at least two gamma and/or delta-hydroxyester groups per molecule are disclosed. The compositions, when applied to a substrate and cured in the presence of a transesterification catalyst, give solvent-resistant coatings.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 33 ibib abs

L15 ANSWER 33 OF 38 USPATFULL

ACCESSION NUMBER: 84:18515 USPATFULL
TITLE: Resinous compositions curable through a transesterification curing mechanism
INVENTOR(S): Valko, Joseph T., Gibsonia, PA, United States
PATENT ASSIGNEE(S): PPG Industries, Inc., Pittsburgh, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4440612		19840403
APPLICATION INFO.:	US 1983-493467		19830511 (6)
RELATED APPLN. INFO.:	Division of Ser. No. US 1981-288238, filed on 29 Jul 1981, now Defensive Publication No.		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Douglas, Winston A.		
ASSISTANT EXAMINER:	Boggs, Jr., B. J.		
LEGAL REPRESENTATIVE:	Uhl, William J.		
NUMBER OF CLAIMS:	4		
EXEMPLARY CLAIM:	1		
LINE COUNT:	533		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Coating compositions comprising a polymeric polyol with a **polyester** crosslinking agent having at least two beta-alkoxyester groups per molecule are disclosed. The compositions, when applied to a substrate and cured in the presence of a transesterification catalyst, give solvent-resistant coatings.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 34 ibib abs

L15 ANSWER 34 OF 38 USPATFULL

ACCESSION NUMBER: 83:61661 USPATFULL
TITLE: Resinous compositions curable through a transesterification curing mechanism
INVENTOR(S): Valko, Joseph T., Gibsonia, PA, United States
PATENT ASSIGNEE(S): PPG Industries, Inc., Pittsburgh, PA, United States (U.S. corporation)

NUMBER	KIND	DATE
--------	------	------

PATENT INFORMATION:	US 4423169	19831227
APPLICATION INFO.:	US 1981-288240	19810729 (6)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Pertilla, Theodore E.	
LEGAL REPRESENTATIVE:	Uhl, William J.	
NUMBER OF CLAIMS:	18	
EXEMPLARY CLAIM:	1	
LINE COUNT:	671	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Coating compositions comprising a polymeric polyol with a **polyester** crosslinking agent having at least two beta- and/or gamma-ester ester groups per molecule are disclosed. The compositions, when applied to a substrate and cured in the presence of a transesterification catalyst, give solvent-resistant coatings.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 35 ibib abs

L15 ANSWER 35 OF 38 USPATFULL

ACCESSION NUMBER:	83:61660 USPATFULL
TITLE:	Resinous compositions curable through a transesterification curing mechanism
INVENTOR(S):	Valko, Joseph T., Gibsonia, PA, United States
PATENT ASSIGNEE(S):	PPG Industries, Inc., Pittsburgh, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE

PATENT INFORMATION:	US 4423168		19831227
APPLICATION INFO.:	US 1981-288241		19810729 (6)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Pertilla, Theodore E.		
LEGAL REPRESENTATIVE:	Uhl, William J.		
NUMBER OF CLAIMS:	9		
EXEMPLARY CLAIM:	1		
LINE COUNT:	512		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Coating compositions comprising a polymeric polyol with a **polyester** crosslinking agent having at least two beta-amido ester groups per molecule are disclosed. The compositions, when applied to a substrate and cured in the presence of a transesterification catalyst, give solvent-resistant coatings.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 36 ibib abs

L15 ANSWER 36 OF 38 USPATFULL

ACCESSION NUMBER:	83:61659 USPATFULL
TITLE:	Resinous compositions curable through a transesterification curing mechanism
INVENTOR(S):	Valko, Joseph T., Gibsonia, PA, United States
PATENT ASSIGNEE(S):	PPG Industries, Inc., Pittsburgh, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4423167		19831227
APPLICATION INFO.:	US 1981-288238		19810729 (6)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Pertilla, Theodore E.		
LEGAL REPRESENTATIVE:	Uhl, William J.		
NUMBER OF CLAIMS:	12		
EXEMPLARY CLAIM:	1		
LINE COUNT:	557		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Coating compositions comprising a polymeric polyol with a **polyester** crosslinking agent having at least two beta-alkoxyester groups per molecule are disclosed. The compositions, when applied to a substrate and cured in the presence of a transesterification catalyst, give solvent-resistant coatings.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 37 ibib abs

L15 ANSWER 37 OF 38 USPATFULL

ACCESSION NUMBER: 79:19077 USPATFULL
 TITLE: Process for moulding unsaturated **polyester** articles
 INVENTOR(S): Ealding, Cyril J., Puckeridge, England
 Brealey, Keith E., Potters Bar, England
 PATENT ASSIGNEE(S): Imperial Chemical Industries Limited, London, England
 (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4149920		19790417
APPLICATION INFO.:	US 1976-725684		19760923 (5)

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1975-42737	19751017
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Ives, P. C.	
LEGAL REPRESENTATIVE:	Cushman, Darby & Cushman	
NUMBER OF CLAIMS:	7	
EXEMPLARY CLAIM:	1	
LINE COUNT:	298	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process for the production of moulded articles, such as sheet laminates, which comprises applying and curing a layer of a curable unsaturated **polyester** resin to a forming layer of film composite, e.g., a polyethylene terephthalate film layer, and a polymeric adhesive layer, consisting essentially of an isophthalate/terephthalate copolyester.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 38 ibib abs

L15 ANSWER 38 OF 38 USPATFULL

ACCESSION NUMBER: 76:38015 USPATFULL

TITLE: Polyamine compositions useful as hardening agents for epoxy resins

INVENTOR(S): Rabilloud, Guy, Grenoble, France
Sillion, Bernard, Grenoble, France

PATENT ASSIGNEE(S): Institut Francais du Petrole, des Carburants et
Lubrifiants, Rueil-Malmaison, France (non-U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 3968085		19760706
APPLICATION INFO.:	US 1974-501696		19740829 (5)

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1973-31311	19730829
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Tillman, Murray	
ASSISTANT EXAMINER:	Pertilla, T.	
LEGAL REPRESENTATIVE:	Millen, Raptas & White	
NUMBER OF CLAIMS:	13	
EXEMPLARY CLAIM:	1	
LINE COUNT:	843	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention concerns new aromatic polyamine compositions useful as hardening agents containing a major proportion of polyamines of the formula: ##EQU1## IN WHICH Ar and Ar' are divalent aromatic radicals having from 1 to 6 rings, R.sub.1 is a divalent hydrocarbon radical or

a radical (R.sub.4 -O).sub.m R.sub.4, R.sub.4 being an alkylene and m an integer from 1 to 100.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> log y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
90.43	598.80

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-1.86	-2.48

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NEWS 3 Jan 29 FSTA has been reloaded and moves to weekly updates
NEWS 4 Feb 01 DKILIT now produced by FIZ Karlsruhe and has a new update frequency
NEWS 5 Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02
NEWS 6 Mar 08 Gene Names now available in BIOSIS
NEWS 7 Mar 22 TOXLIT no longer available
NEWS 8 Mar 22 TRCTHERMO no longer available
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NEWS 16 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
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NEWS 18 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 19 Jun 03 New e-mail delivery for search results now available
NEWS 20 Jun 10 MEDLINE Reload
NEWS 21 Jun 10 PCTFULL has been reloaded
NEWS 22 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 23 Jul 19 NTIS to be reloaded July 28, 2002
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COST IN U.S. DOLLARS

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TOTAL

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FULL ESTIMATED COST

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TSCA INFORMATION NOW CURRENT THROUGH January 7, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES for more information. See STNnote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> e sulfoisophthalic acid/cn

E1 1 SULFOISOARECAIDINE PROPYL ESTER IODIDE/CN

E2 1 SULFOISOARECOLINE/CN

E3 1 --> SULFOISOPHTHALIC ACID/CN

E4 1 SULFOKEPONE/CN

E5 1 SULFOKSOL V/CN

E6 1 SULFOKYL OK/CN

E7 1 SULFOL/CN

E8 1 SULFOL 1040/CN

E9 1 SULFOL 400/CN

E10 1 SULFOL 430/CN

E11 1 SULFOL 465/CN

E12 1 SULFOL 500/CN

=> s e3

L1 1 "SULFOISOPHTHALIC ACID"/CN

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 75562-94-6 REGISTRY

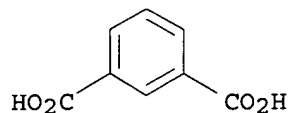
CN 1,3-Benzenedicarboxylic acid, sulfo- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Sulfoisophthalic acid

MF C8 H6 O7 S

CI IDS, COM
LC STN Files: CA, CAPLUS, CHEMLIST, TOXCENTER, USPATFULL



D1-SO₃H

23 REFERENCES IN FILE CA (1967 TO DATE)
18 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
25 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> e ethylene terephthalate/cn

E1	1	ETHYLENE SYNTHETIC RUBBER/CN
E2	1	ETHYLENE TELLURATE (IV) ((C ₂ H ₄ O ₂) ₂ TE)/CN
E3	0 -->	ETHYLENE TEREPHTHALATE/CN
E4	1	ETHYLENE TEREPHTHALATE ADIPATE COPOLYMER/CN
E5	1	ETHYLENE TEREPHTHALATE BUTYLDIETHANOLAMINE COPOLYMER/CN
E6	1	ETHYLENE TEREPHTHALATE CYCLIC HEPTAMER/CN
E7	1	ETHYLENE TEREPHTHALATE CYCLIC TETRAMER/CN
E8	1	ETHYLENE TEREPHTHALATE CYCLIC TRIMER/CN
E9	1	ETHYLENE TEREPHTHALATE POLYMER/CN
E10	1	ETHYLENE TEREPHTHALATE TRIMER/CN
E11	1	ETHYLENE TEREPHTHALATE-1,1,1-TRIMETHYLOLPROPANE COPOLYMER/CN
E12	1	ETHYLENE TEREPHTHALATE-2-METHYL-1,8-OCTANEDIAMINE-1,9-NONANE DIAMINE-TEREPHTHALIC ACID COPOLYMER/CN

=> e terephthalate/cn

E1	1	TEREPHTHALANILIDE, N,N'-BIS(.ALPHA.-PHENYLPHENACYL)-/CN
E2	1	TEREPHTHALANILOYL CHLORIDE/CN
E3	1 -->	TEREPHTHALATE/CN
E4	1	TEREPHTHALATE 1,2-DIOXYGENASE/CN
E5	1	TEREPHTHALATE DIANION/CN
E6	1	TEREPHTHALATE (2-)/CN
E7	1	TEREPHTHALATE-ISOPHTHALATE-ETHYLENE GLYCOL COPOLYMER/CN
E8	1	TEREPHTHALAZIDE/CN
E9	1	TEREPHTHALBIS (4-AMINOFLUOROBENZENE)/CN
E10	1	TEREPHTHALBIS (4-BUTYLANILINE)/CN
E11	1	TEREPHTHALBIS (4-DECYLANILINE)/CN
E12	1	TEREPHTHALBIS (4-DODECYLANILINE)/CN

=> d e3

'E3' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG - RN

SAM - Index Name, MF, and structure - no RN
 FIDE - All substance data, except sequence data
 IDE - FIDE, but only 50 names
 SQIDE - IDE, plus sequence data
 SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
 SQD - Protein sequence data, includes RN
 SQD3 - Same as SQD, but 3-letter amino acid codes are used
 SQN - Protein sequence name information, includes RN

 CALC - Table of numeric properties
 PROP - Same as CALC

 ABS -- Abstract
 APPS -- Application and Priority Information
 BIB -- CA Accession Number, plus Bibliographic Data
 CAN -- CA Accession Number
 CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
 IND -- Index Data
 IPC -- International Patent Classification
 PATS -- PI, SO
 STD -- BIB, IPC, and NCL

 IABS --ABS, indented, with text labels
 IBIB -- BIB, indented, with text labels
 ISTD -- STD format, indented

 OBIB ----- AN, plus Bibliographic Data (original)
 OIBIB ----- OBIB, indented with text labels

 SBIB ----- BIB, no citations
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The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

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 Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

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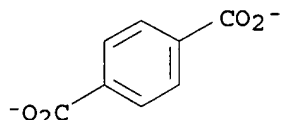
=> s e3

L2 1 TEREPHTHALATE/CN

=> d

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
 RN 3198-30-9 REGISTRY
 CN 1,4-Benzenedicarboxylic acid, ion(2-) (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Terephthalic acid, ion(2-) (8CI)
 OTHER NAMES:

CN **Terephthalate**
 CN Terephthalate dianion
 CN Terephthalate(2-)
 FS 3D CONCORD
 MF C8 H4 O4
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA,
 CAPLUS, CASREACT, CEN, CIN, GMELIN*, PIRA, PROMT, SPECINFO, TOXCENTER,
 TULSA, USPATFULL, VTB
 (*File contains numerically searchable property data)



72 REFERENCES IN FILE CA (1967 TO DATE)
 8 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 72 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> e ethylene terephthalate/cn

E1 1 ETHYLENE SYNTHETIC RUBBER/CN
 E2 1 ETHYLENE TELLURATE(IV) ((C2H4O2)2TE)/CN
 E3 0 --> ETHYLENE TEREPHTHALATE/CN
 E4 1 ETHYLENE TEREPHTHALATE ADIPATE COPOLYMER/CN
 E5 1 ETHYLENE TEREPHTHALATE BUTYLDIETHANOLAMINE COPOLYMER/CN
 E6 1 ETHYLENE TEREPHTHALATE CYCLIC HEPTAMER/CN
 E7 1 ETHYLENE TEREPHTHALATE CYCLIC TETRAMER/CN
 E8 1 ETHYLENE TEREPHTHALATE CYCLIC TRIMER/CN
 E9 1 ETHYLENE TEREPHTHALATE POLYMER/CN
 E10 1 ETHYLENE TEREPHTHALATE TRIMER/CN
 E11 1 ETHYLENE TEREPHTHALATE-1,1,1-TRIMETHYLOLPROPANE
 COPOLYMER/CN
 E12 1 ETHYLENE
 TEREPHTHALATE-2-METHYL-1,8-OCTANEDIAMINE-1,9-NONANE
 DIAMINE-TEREPHTHALIC ACID COPOLYMER/CN

=> s e9

L3 1 "ETHYLENE TEREPHTHALATE POLYMER"/CN

=> d

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 25038-59-9 REGISTRY

CN Poly(oxy-1,2-ethanediylloxycarbonyl-1,4-phenylenecarbonyl) (9CI) (CA
 INDEX

NAME)

OTHER NAMES:

CN 1,4-Benzenedicarboxylic acid, dimethyl ester, polymer with 1,2-ethanediol

CN 1,4-Benzenedicarboxylic acid, polymer with 1,2-ethanediol

CN 100G

CN 100Q80D

CN 38RL07

CN 3M 651000

CN 50E63S

CN 50QE02

CN 551R
 CN 6CF53
 CN 75E20
 CN A 04-104
 CN A 1300
 CN A 4000
 CN A 4100
 CN A 4140
 CN A 4150
 CN A 4300
 CN A 4350
 CN A 71
 CN A 7300
 CN AA 200
 CN AA 210
 CN AGS 5
 CN Alphane RL 07(38)
 CN Amilar
 CN ANF
 CN APGP 00
 CN Arnite A
 CN Arnite A 004
 CN Arnite A 02-101
 CN Arnite A 04-102
 CN Arnite A 04-120
 CN Arnite A 04-300
 CN Arnite A 04-900
 CN Arnite A 06-100
 CN Arnite A 06-101
 CN Arnite A 06-700K
 CN Arnite A 160
 CN Arnite A 200
 CN Arnite A 300
 CN Arnite AV 4-331
 CN Arnite D 04-300
 CN Arnite DO 2-300
 CN Arnite DO 4-300
 CN Arnite FP 800
 CN Arnite G
 CN Arnite G 600
 CN Azmet CM 32350
 CN B 325PET
 CN **Ethylene terephthalate polymer**

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
 DISPLAY

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 DR 9009-28-3, 9078-56-2, 168317-02-0, 162430-09-3, 162430-10-6, 166385-09-7,
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 88385-73-3, 88385-74-4, 89234-24-2, 89338-48-7, 89493-30-1, 53025-16-4,
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185351-79-5, 186467-32-3, 189399-07-3, 194304-31-9, 197527-78-9,
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MF (C10 H8 O4)n

CI PMS, COM

PCT Polyester

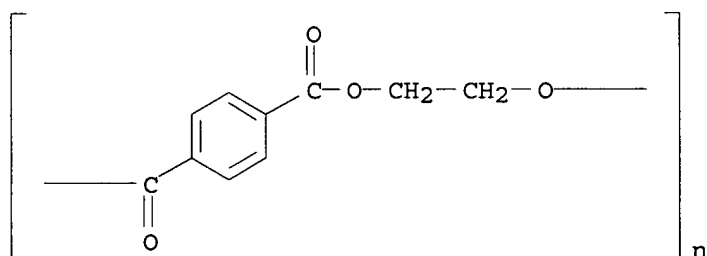
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CA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMLIST, CIN,
CSCHEM, CSNB, DETHERM*, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT,
ENCOMPPAT2, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, NIOSHTIC,
PDLCOM*, PHAR, PIRA, PLASPEC*, PROMT, RTECS*, TOXCENTER, USPAT2,
USPATFULL, VTB

(*File contains numerically searchable property data)

Other Sources: DSL**, TSCA**, WHO

(**Enter CHEMLIST File for up-to-date regulatory information)

RELATED POLYMERS AVAILABLE WITH POLYLINK



52826 REFERENCES IN FILE CA (1967 TO DATE)

642 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

52953 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> e sulfopolyester/cn

E1	1	SULFOPOL PW/CN
E2	1	SULFOPOL S/CN
E3	0 -->	SULFOPOLYESTER/CN
E4	1	SULFOPOLYGLUCIN/CN
E5	1	SULFOPON/CN
E6	1	SULFOPON 101/CN
E7	1	SULFOPON 102/CN
E8	1	SULFOPON 12/18G/CN
E9	1	SULFOPON 12/18G-F/CN
E10	1	SULFOPON 12/18W/CN
E11	1	SULFOPON HC/CN
E12	1	SULFOPON KT 115/CN

=> e dimethyl-5-sodiosulfoisophthalate/cn

E1	1	DIMETHYL-5- (DIMETHYLAMINO) ISOPHTHALATE-TETRAETHYLENE GLYCOL
		POLYMER, SRU/CN
E2	1	DIMETHYL-5-HEXENYLSILOXY-TERMINATED DIMETHYLPOLYSILOXANE, SR
		U/CN
E3	0 -->	DIMETHYL-5-SODIOSULFOISOPHTHALATE/CN
E4	1	DIMETHYL-6-PHENANTHRIDINYLCARBINOL/CN
E5	1	DIMETHYL-7-NORBORNYLIDENEAMMONIUM PERCHLORATE/CN
E6	1	DIMETHYL-7-OCTENYLSILANOL/CN

E7 1
 DIMETHYL-9,10-DIHYDRO-10-METHYL-9-OXO-12H-JULOIDINO(8,9-B)QU
 INOLINO(3,4-E)PYRAN-12-YLIDENEDIMETHYLIMINIUM CHLORIDE/CN
 E8 1 DIMETHYL-9,10-PHENANTHRENEDICARBOXYLIC ANHYDRIDE/CN
 E9 1 DIMETHYL-CARBOXY-METHYL-SELENIUM BROMIDE/CN
 E10 1 DIMETHYL-D-CHONDROCURARINE DICHLORIDE/CN
 E11 1 DIMETHYL-D-TUBOCURARINE/CN
 E12 1 DIMETHYL-D-TUBOCURARINE DICHLORIDE/CN

=> e sulfoisophthalate/cn

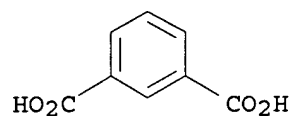
E1 1 SULFOISOARECAIDINE PROPYL ESTER IODIDE/CN
 E2 1 SULFOISOARECOLINE/CN
 E3 0 --> SULFOISOPHTHALATE/CN
 E4 1 SULFOISOPHTHALIC ACID/CN
 E5 1 SULFOKEPONE/CN
 E6 1 SULFOKSOL V/CN
 E7 1 SULFOKYL OK/CN
 E8 1 SULFOL/CN
 E9 1 SULFOL 1040/CN
 E10 1 SULFOL 400/CN
 E11 1 SULFOL 430/CN
 E12 1 SULFOL 465/CN

=> s e4

L4 1 "SULFOISOPHTHALIC ACID"/CN

=> d

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
 RN 75562-94-6 REGISTRY
 CN 1,3-Benzenedicarboxylic acid, sulfo- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN **Sulfoisophthalic acid**
 MF C8 H6 O7 S
 CI IDS, COM
 LC STN Files: CA, CAPLUS, CHEMLIST, TOXCENTER, USPATFULL



D1-SO₃H

23 REFERENCES IN FILE CA (1967 TO DATE)
 18 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 25 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> e terephthalic acid/cn

E1 1 TEREPHTHALHYDROXIMOYL CHLORIDE/CN
 E2 1 TEREPHTHALHYDROXYAMOYL CHLORIDE-4,4'-THIODIBENZENETHIOL
 POLY
 MER/CN
 E3 1 --> TEREPHTHALIC ACID/CN
 E4 1 TEREPHTHALIC ACID 1-METHYL ESTER 4-(2-NITROPHENYL) ESTER/CN

E5 1 TEREPHTHALIC ACID 2-DICHLOROACETOXYETHYL ESTER/CN
 E6 1 TEREPHTHALIC ACID 2-MONOCHLOROACETOXYETHYL ESTER/CN
 E7 1 TEREPHTHALIC ACID 2-TRICHLOROACETOXYETHYL ESTER/CN
 E8 1 TEREPHTHALIC ACID 9,9-BIS(3-AMINOPROPYL)FLUORENE SALT/CN
 E9 1 TEREPHTHALIC ACID ANHYDRIDE POLYMER/CN
 E10 1 TEREPHTHALIC ACID
 BIS(1,1-DIMETHYL-1-(2-HYDROXYPROPYL)AMINIM
 IDE)/CN
 E11 1 TEREPHTHALIC ACID BIS(1-METHYLHYDRAZIDE)/CN
 E12 1 TEREPHTHALIC ACID BIS(2,4-DIAMINOANILIDE)/CN

=> s e3

L5 1 "TEREPHTHALIC ACID"/CN

=> d

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 100-21-0 REGISTRY

CN 1,4-Benzenedicarboxylic acid (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN **Terephthalic acid (7CI, 8CI)**

OTHER NAMES:

CN 1,4-Dicarboxybenzene

CN 4-Carboxybenzoic acid

CN p-Benzenedicarboxylic acid

CN p-Carboxybenzoic acid

CN p-Dicarboxybenzene

CN p-Phthalic acid

CN TPA

CN WR 16262

FS 3D CONCORD

DR 211863-90-0, 211863-92-2

MF C8 H6 O4

CI COM

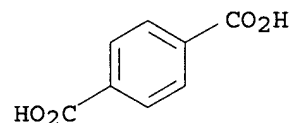
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS,
 BIOSIS,

BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CIN, CSCHM, CSNB, DDFU, DETHERM*, DIOGENES,
 DIPPR*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2,
 GMELIN*, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*,
 NAPRALERT, NIOSHTIC, PDLCOM*, PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER,
 TULSA, ULIDAT, USPAT2, USPATFULL, VTB

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

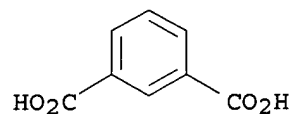
5762 REFERENCES IN FILE CA (1967 TO DATE)

1314 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
5775 REFERENCES IN FILE CAPLUS (1967 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s isophthalic acid/cn
L6 1 ISOPHTHALIC ACID/CN

=> d

L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
RN 121-91-5 REGISTRY
CN 1,3-Benzenedicarboxylic acid (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN **Isophthalic acid (8CI)**
OTHER NAMES:
CN Isoterephthalic acid
CN m-Benzenedicarboxylic acid
CN m-Carboxybenzoic acid
CN m-Dicarboxybenzene
CN m-Phthalic acid
CN m-Phthalic acid
FS 3D CONCORD
DR 55185-18-7
MF C8 H6 O4
CI COM
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,
CHEMINFORMRX, CHEMLIST, CIN, CSChem, CSNB, DDFU, DETHERM*, DIPPR*,
DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN*,
HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK*, MSDS-OHS,
NIOSHTIC, PDLCOM*, PIRA, PROMT, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER,
TULSA, USPAT2, USPATFULL, VTB
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3286 REFERENCES IN FILE CA (1967 TO DATE)
1557 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
3293 REFERENCES IN FILE CAPLUS (1967 TO DATE)
3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> log y		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	39.94	40.15

STN INTERNATIONAL LOGOFF AT 12:09:17 ON 01 AUG 2002